



USPTO

[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)
Search: ☒ The ACM Digital Library ☐ The Guide



Searching within **The ACM Digital Library** with **Advanced Search**: (Abstract:download) and (Abstract:bandwidth or Abstract:speed) ([start a new search](#))

Found 15 of 265,969

REFINE YOUR SEARCH

▼ Refine by Keywords

 Discovered Terms

▼ Refine by People

[Names](#)
[Institutions](#)
[Authors](#)

▼ Refine by Publications

[Publication Year](#)
[Publication Names](#)
[ACM Publications](#)
[All Publications](#)
[Publishers](#)

▼ Refine by Conferences

[Sponsors](#)
[Events](#)
[Proceeding Series](#)
ADVANCED SEARCH[Advanced Search](#)**FEEDBACK**

Please provide us with feedback

Found 15 of 265,969

Search Results

[Related Journals](#)[Related SIGs](#)[Related Conferences](#)

Results 1 - 15 of 15

Sort by [relevance](#) [Save results to a Binder](#)**1** [Scaling replica maintenance in intermittently synchronized mobile databases](#) [Wai Gen Yee, Michael J. Donahoo, Edward Omiecinski, Shamkant B. Navathe](#) October 2001 **CIKM '01**: Proceedings of the tenth international conference on Information management**Publisher:** ACM [Request Permissions](#)

Full text available: Pdf (2.20 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [bibliography](#)**Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 31, Downloads (Overall): 46

To avoid the high cost of continuous connectivity, a class of mobile applications employ replicas that are periodically updated. Updates to these replicas are typically performed on a per-replica basis, with the server individually updating each replica.

Keywords: distributed databases, intermittent synchronization, mobile databases**2** [An efficient bandwidth-sharing technique for true video on demand systems](#) [Ying Cai, Kien A. Hua](#) October 1999 **MULTIMEDIA '99**: Proceedings of the seventh ACM international conference on Multimedia**Publisher:** ACM [Request Permissions](#)

Full text available: Pdf (499.43 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [bibliography](#)**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 21, Downloads (Overall): 47

Patching is a cost efficient channel-sharing technique for video-on-demand systems. It is limited due to the fact that a video stream cannot be shared unless it delivers the video at a rate larger and larger than the original video stream.

3 [On the impact of concurrent downloads](#)[Yong Liu, Weibo Gong, Prashant Shenoy](#)December 2001 **WSC '01**: Proceedings of the 33rd conference on Winter simulation**Publisher:** IEEE Computer Society

Full text available: Pdf (107.47 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [bibliography](#)**Bibliometrics:** Downloads (6 Weeks): 3, Downloads (12 Months): 26, Downloads (Overall): 10

Concurrent downloads accelerate information access speed for individual web users. However, multiple connections launched for one subject download, which leads to unfairness at the server side, study the impact of concurrent downloads on the server side.

4 [Practical experience with an application extractor for Java](#) [Frank Tip, Chris Laffra, Peter F. Sweeney, David Streeter](#) October 1999 **OOPSLA '99**: Proceedings of the 14th ACM SIGPLAN conference on Object-oriented programming systems, languages, and applications**Publisher:** ACM [Request Permissions](#)

Full text available: Pdf (2.31 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [bibliography](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 30, Downloads (Overall): 29

Java programs are routinely transmitted over low-bandwidth network connections as archives (i.e., zip files and jar files). Since archive size is directly proportional to download applications to be as ...

Also published in:

October 1999 **SIGPLAN Notices** Volume 34 Issue 10

5 [The internet vs e-commerce servers: when will server performance matter?](#)

D. Krishnamurthy, J. Rolia

November 1998 **CASCON '98**: Proceedings of the 1998 conference of the Centre for Advanced Collaborative research

Publisher: IBM Press


Full text available:  Pdf (113.14 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [...](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 23, Downloads (Overall): 36

The cycle time of an Internet based online shopper includes time at an electronic commerce site to gather information and purchase products, download time to transfer data over the Internet, and interpreting the results ...

6 [Fractal summarization for mobile devices to access large documents on the web](#)

 Christopher C. Yang, Fu Lee Wang

May 2003 **WWW '03**: Proceedings of the 12th international conference on World Wide Web

Publisher: ACM

Full text available:  Pdf (317.55 KB)


Additional Information: [full citation](#), [abstract](#), [references](#), [...](#)

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 74, Downloads (Overall): 38

Wireless access with mobile (or handheld) devices is a promising addition to the WWW business. Mobile devices provide convenience and portable access to the huge information without requiring users to ...

Keywords: document summarization, fractal summarization, handheld devices, mobile

7 [Price issues in delivering E-content on-demand](#)

 Srinivasan Jagannathan, Kevin C. Almeroth

March 2002 **SIGecom Exchanges**, Volume 3 Issue 2

Publisher: ACM

Full text available:  Pdf (200.03 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [...](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 8, Downloads (Overall): 14

The explosive increase in Internet bandwidth and usage opens a vista of opportunities for software and services using the Internet. Once e-content is created, the cost of replication can download the e-content ...

8 [Enabling the Co-Allocation of Grid Data Transfers](#)

Sudharshan Vazhkudai

November 2003 **GRID '03**: Proceedings of the 4th International Workshop on Grid Computing

Publisher: IEEE Computer Society

Full text available:  Pdf (279.06 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [...](#)

Bibliometrics: Downloads (6 Weeks): 16, Downloads (12 Months): 33, Downloads (Overall): 5

Data-sharing scientific communities use storage systems as distributed data stores by highly replicated environments, a particular dataset can reside at multiple locations and

from any one of them. Since ...

Keywords: Data Grids, Co-allocation, Partial Transfers, Scheduling, Peer-to-peer

9 [APPOINT: an Approach for Peer-to-Peer Offloading the INternet](#)

[Egemen Tanin, Hanan Samet](#)

May 2002

dg.o '02: Proceedings of the 2002 annual national conference on Digital go

Publisher: Digital Government Research Center

Full text available:  [Pdf](#) (194.34 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [info](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 15, Downloads (Overall): 27

The Internet has recently become the medium of interaction with large volumes of or public and private sectors made their data archives available over the Internet. Work of online data is a challenging ...

10 [Improving access to large volumes of online data](#)

[Egemen Tanin, Hanan Samet](#)

May 2003

dg.o '03: Proceedings of the 2003 annual national conference on Digital go

Publisher: Digital Government Research Center

Full text available:  [Pdf](#) (83.94 KB)

Additional Information: [full citation](#), [abstract](#), [references](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 13, Downloads (Overall): 57

The Internet has recently become the medium of interaction with large volumes of data and private sectors made their databases available over the Internet. Working with such data is a challenging task. ...

11 [Low-Cost Software-Based Self-Testing of RISC Processor Cores](#)


[N. Kranitis, G. Xenoulis, D. Gizopoulos, A. Paschalis, Y. Zorian](#)

March 2003

DATE '03: Proceedings of the conference on Design, Automation and

1, Volume 1

Publisher: IEEE Computer Society

Full text available:  [Publisher Site](#),  [Pdf](#) (156.67 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 36, Downloads (Overall): 14

Software self-testing of embedded processor cores which effectively partitions the test speed external equipment and internal processor resources, has been recently proposed. classical hardware built-in self-test ...

12 [Using latency-recency profiles for data delivery on the web](#)

[Laura Bright, Louisa Raschid](#)

August 2002

VLDB '02: Proceedings of the 28th international conference on Very Large

Publisher: VLDB Endowment


Full text available:  [Pdf](#) (322.99 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [info](#)

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 14, Downloads (Overall): 36

An important challenge to web technologies such as proxy caching, web portals, and cached data up-to-date. Clients may have different preferences for the latency and recency of data, ...


13 [Workload characterization of a Web proxy in a cable modem environment](#)

 [Martin Arlitt, Rich Friedrich, Tai Jin](#)

September 1999

SIGMETRICS Performance Evaluation Review, Volume 27 Issue 2

Publisher: ACM

Full text available:  [Pdf](#) (1.09 MB)

Additional Information: [full citation](#), [abstract](#), [cited by](#), [info](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 15, Downloads (Overall): 26

This paper presents a detailed workload characterization study of a World-Wide Web proxy within an Internet Service Provider (ISP) environment were collected. This ISP Web using high-speed cable ...

14 [Dynamic parallel access to replicated content in the internet](#)

Pablo Rodriguez, Ernst W. Biersack

August 2002 **IEEE/ ACM Transactions on Networking (TON)** , Volume 10 Issue 4

Publisher: IEEE Press

Full text available:  [Pdf](#) (350.99 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [related](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 42, Downloads (Overall): 54

Popular content is frequently replicated in multiple servers or caches in the Internet to improve end-user experience. However, choosing the best server is a nontrivial task and a poor end user experience. ...

Keywords: HTTP, content distribution, internet, mirroring, parallel access, peer-to-peer

15 [Software Streaming via Block Streaming](#)

Pramote Kuacharoen, Vincent J. Mooney, Vijay K. Madisetti

March 2003 **DATE '03: Proceedings of the conference on Design, Automation and Test in Europe** , Volume 1

Publisher: IEEE Computer Society





Full text available:  [Publisher Site](#) ,  [Pdf](#) (168.48 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [related](#)

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 6, Downloads (Overall): 58,

Software streaming allows the execution of stream-enabled software on a device even if the transmission/streaming may still be in progress. Thus, the software can be executed instead of causing the user to wait for the completion ...

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2009 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)